

Attorney's Docket No. COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to Provisional and PCT International Applications) 000270-088 MAY 0 4 2000 As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: EMBRYONIC OR STEM-LIKE CELL LINES PRODUCED BY CROSS SPECIES NUCLEAR TRANSPLANTATION AND METHODS FOR ENHANCING EMBRYONIC DEVELOPMENTS BY GENETIC ALTERATION OF DONOR CELLS OR BY TISSUE CULTURE CONDITIONS the specification of which (check only one item below): is attached hereto. was filed as United States application Number 09/467,076 on December 20, 1999 and was amended was filed as PCT international application Number ___ and was amended (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(e) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed: PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119:

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. §119
PCT	US99/04608	2 March 1999	X Yes No
		· · · · · · · · · · · · · · · · · · ·	_ Yes _ No
			_ Yes _ No
			_ Yes _ No
			_ Yes No

Page 1 of 3 (1/00)



COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D)
(Includes Reference to Provisional and PCT International Applications)

PCT FILING DATE

PCT APPLICATION NO.

Attorney's Docket No. 000270-088

I hereby claim the benefit under Title 35, U below.	nited States Co	de § 119(e) of any United	States provisio	nal applicatio	on(s) listed	
(Application Number)		(Filing Date)		_		
(Application Number)		(Filing Date)				
I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to the patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:						
PRIOR U.S. APPLICATIONS OR PCT INTERNATION	ONAL APPLICAT	IONS DESIGNATING THE U.	S. FOR BENEFIT	JNDER 35 U.S	.C. §120:	
U.S. APPLI	CATIONS		ST	ATUS (check	one)	
U.S. APPLICATION NUMBER	1	J.S. FILING DATE	PATENTED	PENDING	ABANDONED	
09/395,368		14 September 1999		х		
09/260,468		02 March 1999		х		
09/032,945		02 March 1998		Х		
08/699,040		19 August 1996		х		
PCT APPLICATIONS DE	SIGNATING TH	E U.S.				

U.S. APPLICATION NUMBERS ASSIGNED (if any)

Page 2 of 3 (1/00)



COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D) (Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.

000270-088

I hereby appoint the followi and Trademark Office conne	ing attorneys ar	nd agent(s) to and to file,	prosecute s	aid application a d to transact all	and to transact all business in conn	business in the ection with inter	Patent national
applications directed to said	invention:		, -	4 2000			
William L. Mathis Robert S. Swecker Platon N. Mandros Benton S. Duffett, Jr. Norman H. Stepno Ronald L. Grudziecki Frederick G. Michaud, Jr. Alan E. Kopecki Regis E. Slutter Samuel C. Miller, III Robert G. Mukai George A. Hovanec, Jr. James A. LaBarre	17,337 19,885 22,124 22,030 22,716 24,970 26,003 25,813 26,999 27,360 28,531 28,223 28,632	R. Danny H Eric H. We James W. P Teresa Stan. Robert E. K William C. T. Gene Dil Patrick C. I Bruce J. Bo William H. Peter K. Sk Richard J. M	isblath OATRAIT Seek Rea rebs Rowland lahunty ceane ggs, Jr. Benz Iff McGrath	27,9903 30,505 30,505 30,427 25,885 30,888 25,423 32,858 32,344 25,952 31,917 29,195 32,814	Gerald F. Swiss Michael J. Ure Charles F. Wiel Bruce T. Wiede Todd R. Walters Ronni S. Jillions Harold R. Brow Allen R. Baum Steven M. du Be Brian P. O'Shau Kenneth B. Leff Fred W. Hathaw	and III 33 5 33 7 33 8 33 9 111 33 9 15 3 9 16 3 9 16 3 9 17 17 17 17 17 17 17 17 17 17 17 17 17	90,113 13,089 13,096 13,815 14,040 11,979 16,086 15,023 12,747 16,075 12,236
E. Joseph Gess	28,510	Michael G.	Savage	32,596			
Address all correspondence to: Robin L. Teskin BURNS, DOANE, SWECKER & MATHIS, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404 Address all telephone calls to: Robin L. Teskin BURNS, DOANE, SWECKER & MATHIS, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404 at (703) 836-6620.							
I hereby declare that all state and belief are believed to be ments and the like so made States Code and that such w	e true; and furtl are punishable	her that these by fine or in	e statements v aprisonment,	were made with or both, under	the knowledge the Section 1001 of	nat willful false s Title 18 of the U	state- Jnited
FULL NAME OF SOLE OR FIRS	T INVENTOR		SIGNA	TURE	· · · · · · · · · · · · · · · · · · ·	DATE	
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POST OFFICE ADDRESS							
166 Village Park, Amherst, MA 01	1002						
FULL NAME OF SECOND JOIN	T INVENTOR, IF	ANY	SIGNA	TURE		DATE	
Robert Lanza							
RESIDENCE			•		CITIZENSHIP		
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POST OFFICE ADDRESS							
35 S, Meadow Road, Clinton, MA	01510				\		
FULL NAME OF THIRD JOINT		NY	SIGNA	TURE AM	<i>/ </i>	DATE	
James ROBL			Man	//// {	W I	1/19/00	
RESIDENCE				~	V Advarsioves	' ' ' ' -	
			1 1	· 1	CITIZENSHIP	1 1	
196 Old Enfield, Belchertown, MA	. 01007			1	1 /	1 1	
196 Old Enfield, Belchertown, MA POST OFFICE ADDRESS	01007				USA		



COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.

000270-088

As a below named inventor, I hereby declare that:

and was amended

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EMBRYONIC OR STEM-LIKE CELL LINES PRODUCED BY CROSS SPECIES NUCLEAR TRANSPLANTATION

AND METHO	DS FOR ENHANCING EMBRYONIC DEVELOP	MENTS BY GENETIC ALTERATION OF DONOR
CELLS OR B	Y TISSUE CULTURE CONDITIONS	SE NO
the spe	ecification of which (check only one item below):	MAY 0 4 2000
□ i	s attached hereto.	6/
X v	was filed as United States application	OATEAN 2 TO CHEME
I	Number <u>09/467,076</u>	
(on December 20, 1999	

was filed as PCT international application
Number
on

(if applicable).

and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(e) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119:

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. §119
РСТ	US99/04608	2 March 1999	X Yes No
			_ Yes _ No
			_ Yes _ No
			_ Yes _ No
			_ Yes _ No

Page 1 of 3 (1/00)



COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D)
(Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.

000270-088

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.								
(Applicatio	(Application Number)		(Filing Date)	(Filing Date)				
(Applicatio	n Number)		(Filing Date)		-			
I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to the patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:								
PRIOR U.S. APPLICATIONS O	PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. §120:							
	U.S. APPLI	CATIONS		ST	ATUS (check	one)		
U.S. APPLICATION N	IUMBER		U.S. FILING DATE	PATENTED	PENDING	ABANDONED		
09/395,368			14 September 1999		X	_		
09/260,468			02 March 1999		X			
09/032,945 02 March 199		02 March 1998		X				
08/699,040		19 August 1996		Х				
РСТ	APPLICATIONS DE	SIGNATING T	HE U.S.					
PCT APPLICATION NO. PCT FILING DATE		U.S. APPLICATION NUMBERS ASSIGNED (if any)						
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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D) (Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.

000270-088

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis	17,337	R. Danny Huntington	27,903	Gerald F. Swiss	30,113
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George A. Hovanec, Jr.	28,223	Richard J. McGrath	29,195	Fred W. Hathaway	32,236
James A. LaBarre	28,632	Matthew L. Schneider	32,814	·	
E. Joseph Gess	28,510	Michael G. Savage	32,596	1 (T3)(10 1) TR (1) (T	111

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Robin L. Teskin

_ at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

		1	
FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE	15/12	DATE
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POST OFFICE ADDRESS			÷
196 Old Enfield, Belchertown, MA 01007			
FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE

Page 3 of 3 (1/00)